## AMENDMENTS TO THE CLAIMS

1. (**Currently Amended**) A heat-resistant coated member in which a substrate consisting ~~essentially~~ of a metal selected from the group consisting of molybdenum, and tantalum, is directly coated by a thermal spraying operation with a layer consisting ~~essentially~~ of lanthanoid-containing oxide.

2. (**Currently Amended**) The heat-resistant coated member of claim 1, wherein the lanthanoid-containing oxide consists ~~essentially~~ of an oxide of at least one element selected from the group consisting of dysprosium, holmium, erbium, terbium, gadolinium, thulium, ytterbium, lutetium, europium and samarium.

3. (**Currently Amended**) The heat-resistant coated member of claim 2, wherein the lanthanoid-containing oxide consists ~~essentially~~ of an oxide of at least one element selected from the group consisting of ytterbium, europium and samarium.

4. (**Currently Amended**) The heat-resistant coated member of claim 1, wherein the layer consisting ~~essentially~~ of a lanthanoid-containing oxide is a lanthanoid-containing oxide layer containing ytterbium in an amount that accounts for at least 80 atom % of all the metal elements including lanthanoid elements.

5. (**Currently Amended**) The heat-resistant coated member of claim 1, wherein the layer consisting ~~essentially~~ of lanthanoid-containing oxide has a thickness of from 0.02 to 0.4 mm.

6. **(Currently Amended)** The heat-resistant coated member of claim 1, wherein the layer consisting ~~essentially~~ of lanthanoid-containing oxide is provided thereon with one or more layers of a compound of at least one element selected from among Group IIIA to Group VIII elements in the CAS version of the periodic table.

7-8. **(Cancelled)**

9. **(New)** A heat-resistant coated member comprising a substrate of molybdenum directly coated by a thermal spraying operation with a layer consisting of lanthanoid-containing oxide.

10. **(New)** A heat-resistant coated member comprising a substrate of tantalum directly coated by a thermal spraying operation with a layer consisting of lanthanoid-containing oxide.

11. **(New)** The heat-resistant coated member of claim 9 or 10, wherein the lanthanoid-containing oxide layer consists of an oxide of at least one element selected from the group consisting of dysprosium, holmium, erbium, terbium, gadolinium, thulium, ytterbium, lutetium, europium and samarium.

12. **(New)** The heat-resistant coated member of claim 11, wherein the lanthanoid-containing oxide consists of an oxide of at least one element selected from the group consisting of ytterbium, europium and samarium.

13. (**New**) The heat-resistant coated member of claim 9 or 10, wherein the layer consisting of lanthanoid-containing oxide is a lanthanoid-containing oxide layer containing ytterbium in an amount that accounts for at least 80 atom % of all the metal elements including lanthanoid elements.

14. (**New**) The heat-resistant coated member of claim 9 or 10, wherein the layer consisting of lanthanoid-containing oxide has a thickness of from 0.02 to 0.4 mm.

15. (**New**) The heat-resistant coated member of claim 9 or 10, wherein the layer consisting of lanthanoid-containing oxide is provided thereon with one or more layers of a compound of at least one element selected from among Group IIIA to Group VIII elements in the CAS version of the periodic table.